

ANNEXURE C3.2: SCOPE OF WORKS – SEWER NETWORKS REPAIRS RFQ 10405582

DESCRIPTION OF THE SCOPE OF WORKS

- Employer's Objectives
- Overview of the Works
- Extent of Works
- Location of Works

DESCRIPTION OF THE SCOPE OF WORKS

1.1. Employer's Objectives

The primary objective of project is to deliver public service infrastructure by the provision of repairs and/or refurbishment to the existing sewer network and associated engineering elements by acquiring the services of a competent service provider. The secondary objective of the project is intended at reducing the sewer overflows, blockages and reducing the negative impact on the environment.

1.2. Overview of the Works

The main scope of works comprises primarily of the supply of equipment, material (gravity and rising mains pipelines – including manholes) and labour for the successful completion of the project within the constraints of time, cost, and quality.

SEGMENT 1:

The project entails replacing of the collapsed clay pipe of 160mm with a 160mm UPVC pipe for 15m length at a depth of +/- 3m. Pipe replacement will be road crossing, from manhole to manhole, therefore the service provider needs to use pipe cracking method.

SEGMENT 2:

The project entails replacing of the collapsed clay pipe of 160mm with a 160mm UPVC pipe for 30m length at a depth of +/- 3m. Pipe replacement will be from manhole to manhole and a conventional method needs to be used.

1.3. Extent of Works

The primary key activity of the project entails but not limited to the following:

- Site clearance
- Temporary signage during construction
- Location, exposing and protection of existing services.
- Excavation, trench preparation and compaction
- Backfilling of trenches and testing of installation
- Reinstatement of all disturbed areas
- **Refurbishment and raising of 2 manholes to above ground.**
- Connections into existing sewer networks

- Preparations of manuals and operational plans where required.

Most works will inevitably be on the live existing sewer infrastructure, hence reasonable care will be required to assure the absolute minimum disruption to existing services.

The Contractor's obligations shall also include strict compliance with any Environmental requirements and/or reports deemed to form part of this Contract as well as any Occupational Health and Safety and COVID 19 requirements.

This description of the works is not necessarily complete and shall not limit the work to be carried out by the Contractor under the Contract.

2. Location of Works

The works are located within the jurisdiction of Emfuleni Local Municipality (1827 Zone 6 EXT 2, Evaton coordinates: 26,54144°S, 27,88529°E)